# **Professional Practice – Distributional Electives**

## Description

The M.Arch-1 program prepares its graduates for productive careers in architecture and related design fields. To this end, it is important that students develop a clear understanding of the diverse landscape of contemporary practice and the career avenues open to them when they leave Gund Hall. A broad range of Professional Practice topics are introduced in the required course PRO 7212 Foundations of Practice, including practice management, project management, financial considerations, techniques of leadership, and legal and ethical responsibilities to clients, user groups, and the public. In addition to this foundational course, the M.Arch-1 program requires students to earn a minimum of four (4) credit units in courses designated as Professional Practice (Pro Prac) distributional electives. The distributional elective requirement asks students to investigate in greater depth one or more of the following knowledge areas the history and theory of practice; design team management and collaboration theory; entrepreneurship and innovation; project delivery; and real estate development and finance. The Pro Prac elective aims to increase students' critical awareness of both conventional and alternative modes of practice and, by developing one or more specialized areas of knowledge, to provoke decisions about the future role(s) students wish to play in the profession and in the world. By developing knowledge and skills in this arena while in school, young architects learn to integrate professionally focused analytical thinking with other forms of design research they conduct at the GSD.

# **Archive of Past Approved Courses**

Note: For a course to count towards a requirement, it must be taken in the year that it was listed as valid.

### Spring 2024

5252 Real Estate Law Marilyn Sticklor

5292 Introduction to Real Estate Finance, Development, and Management Allen Hamilton, Julie Perlman

5453 Learning From Failure 1 [Module I]

5454 Learning From Failure 2 [Module 2]

5456 Climate Change, Real Estate, and Public Policy [Module 1]

Donald Sheets

Sanjay Seth

5457 Real Estate Private Equity and Capital Markets [Module 2] Daniel Dubrowski, Daniel Cummings

5460 Community-Informed Urban Design Dana McKinney White

7456 Designing Critical Practices
Alexis Landes
7457 Is the Grass Any Greener? Architectural Practice & Project Delivery Around the World
Jacob Reidel

7457 is the Grass Any Greener: Architectural Practice & Project Delivery Around the World George Johnston

#### Fall 2023

5206 Land Use and Environmental Law
5212 Field Studies in Real Estate, Urban Planning and Design
Richard Peiser
5215 Analytic Methods of Urban Planning: Quantitative [Module 2]
Carole Voulgaris

5216 Analytic Methods of Urban Planning: Qualitative [Module 2]

5249 Design for Real Estate

7408 Frameworks of Practice

Timothy Love
Jacob Reidel

7445 Urban Stack: Practice Methods for a Complex World Elizabeth Christoforetti

7453 Origins and Contemporary Practices of Asian Landscape Architecture: Jung Yoon Kim

Korean Perspectives and More

7454 Entrepreneurship and the Built Environment Alberto Kritzler

7455 Negotiation for Planners [Module 1] Tobia Berkman David Fairman

### Spring 2023

5438 Designer Developer Weijia Song
5442 New Towns and Affordable Housing Development in Africa Richard Peiser

5490 Affordable and Mixed-Income Housing Development, Finance, and Management Edward Marchant

6385 Automation in Practice: Building the future of Architecture(s), Nathan King

Engineering, and Construction

7444 Non-Professional Practice Oana Stanescu

7448 Products of Practice: From code to plan to code Elizabeth Christoforetti

7/52	International	Pool Ectato	and Hrhan	Developments
7452	international	Real Estate	and Urban	Developments

Fall 2022 4485 Race and Gender: Landscape Architecture as Practice, Profession, and Discipline

5204 Real Estate Finance and Development

5206 Land Use and Environmental Law

5212 Field Studies in Real Estate, Planning, and Urban Design

5215 Analytic Methods of Urban Planning: Quantitative Module [M1]

5216 Analytic Methods of Urban Planning: Qualitative Module [M2]

7408 Frameworks of Practice

7445 Elements of the Urban Stack

Thaisa Way

Bing Wang

Richard Peiser, Allan Hamilton

Jerold Kayden

Richard Peiser Carole Voulgaris

Ann Forsyth

Jacob Reidel

Elizabeth Christoforetti

#### Spring 2022

5275 Advanced Real Estate Finance

5276 Building and Leading Real Estate Enterprises and Entrepreneurship

5370 Environment, Economics, and Enterprise

5438 Designer Developer Weijia Song

5490 Affordable and Mixed-Income Housing Development, Finance, and Management

6385 Automation in Practice: Building the future of Architecture(s),

Engineering, and Construction

7448 Products of Practice: From code to plan to code

Frank Apeseche

Frank Apeseche

Holly Samuelson, Frank Apeseche

**Edward Marchant** 

Nathan King

Elizabeth Christoforetti

#### Fall 2021

5204 Real Estate Finance and Development

5206 Land Use and Environmental Law

5212 Field Studies in Real Estate, Planning, and Urban Design

5215 Analytic Methods of Urban Planning: Quantitative Module [M1]

5216 Analytic Methods of Urban Planning: Qualitative Module [M2]

7408 Frameworks of Practice

7445 Elements of the Urban Stack

7449 Real Estate Private Equity [M1]

7450 Real Estate Private Equity [M2]

15.401 Managerial Finance [MIT]

Richard Peiser, Allan Hamilton

Jerold Kayden

Richard Peiser

Carole Voulgaris

Ann Forsyth

Jacob Reidel

Elizabeth Christoforetti

Frank Apeseche Frank Apeseche

Taha Choukhmane

#### Spring 2021

5103 Public and Private Development

5275 Advanced Real Estate Finance

5276 Building and Leading Real Estate Enterprises and Entrepreneurship

5370 Environment, Economics, and Enterprise

5385 CoDesign Field Lab Black Belt Study for the Green New Deal

5490 Affordable and Mixed-Income Housing Development, Finance, and Management

7444 Non-Professional Practice

7448 Products of Practice: From code to plan to code

Jerold Kayden

Frank Apeseche

Frank Apeseche

Holly Samuelson, Frank Apeseche

Lily Song

**Edward Marchant** 

Oana Stanescu

Elizabeth Christoforetti

#### Fall 2020

5204 Real Estate Finance and Development

5206 Land Use and Environmental Law

5212 Field Studies in Real Estate, Planning, and Urban Design

5215 Analytic Methods of Urban Planning: Quantitative Module [M1]

5216 Analytic Methods of Urban Planning: Qualitative Module [M2]

7408 Frameworks of Practice

7420 Innovation in Project Delivery

7445 Elements of the Urban Stack

7447 Landscape Practices

7449 Real Estate Private Equity [M1]

Richard Peiser, Allan Hamilton

Jerold Kayden

Richard Peiser

Carole Voulgaris

Ann Forsyth

Jacob Reidel

Mark Johnson

Paul Nakazawa, Elizabeth

Christoforetti

Christopher Reed

Frank Apeseche

7450 Real Estate Private Equity [M2] 15.401 Managerial Finance [MIT]

Frank Apeseche Adrien Verdelhan

#### Spring 2020

5103 Public and Private Development

5275 Advanced Real Estate Finance

5276 Building and Leading Real Estate Enterprises and Entrepreneurship

Frank Apeseche

Frank Apeseche

5370 Environment, Economics, and Enterprise Holly Samuelson, Frank Apeseche

5490 Affordable and Mixed-Income Housing DevelopmentEdward Marchant7444 Non-Professional PracticeOana Stanescu7447 Landscape PracticesChristopher Reed7448 Products of Practice: From code to plan to codeElizabeth Christoforetti

6913 Field Course: Arts and Cultural Entrepreneurship (HBS Course) Rohit Deshpande, Henry McGee

#### Fall 2019

and Medford, MA.

5204 Real Estate Finance and Development
Richard Peiser, Allan Hamilton
5206 Land Use and Environmental Law
Brian Blaesser

5212 Field Studies in Real Estate, Planning, and Urban Design: Minneapolis, MN Richard Peiser

5215 Analytic Methods of Urban Planning: Quantitative Module Michael Hooper 5216 Analytic Methods of Urban Planning: Qualitative Module Ann Forsyth

7408 Frameworks of Practice Paul Nakazawa, Jacob Reidel

7420 Innovation in Project Delivery Mark Johnson

7445 Elements of the Urban Stack Paul Nakazawa, Elizabeth

Christoforetti

#### Spring 2019

5103 Public and Private DevelopmentJerold Kayden5201 Urban Politics and Planning (at HKS)Quinton Mayne5275 Advanced Real Estate FinanceFrank Apeseche5276 Building and Leading Real Estate Enterprises and EntrepreneurshipFrank Apeseche

5370 Environment, Economics, and Enterprise Holly Samuelson, Frank Apeseche

5490 Affordable and Mixed-Income Housing Development Edward Marchant
7444 Non-Professional Practice Oana Stanescu

7446 Designing with the Urban Stack A Practice Course for Designers of the

Built Environment

Paul Nakazawa

# Fall 2018

5204 Real Estate Finance and Development

5206 Land Use and Environmental Law

5212 Field Studies in Real Estate, Planning, and Urban Design Miami Beach

Richard Peiser

Richard Peiser

and Boston

5215 Analytic Methods Quantitative (M1) Michael Hooper
5216 Analytic Methods Qualitative (M2) Ann Forsyth
5364 Sustainable Real Estate Jesse Keenan
5431 Form+Finance the Design of Real Estate Bing Wang

6271 The Innovator's Practice Finding, Building and Leading Good Ideas with Others

(at SEAS)

Beth Altringer

7408 Frameworks of Practice Paul Nakazawa
7420 Innovation in Project Delivery Mark R. Johnson
7445 Elements of the Urban Stack Paul Nakazawa

#### Spring 2018

5103 Public and Private DevelopmentJerold Kayden5201 Urban Politics and Planning (at HKS)Quinton Mayne5275 Advanced Real Estate FinanceFrank Apeseche5276 Building and Leading Real Estate Enterprises and EntrepreneurshipFrank Apeseche

5370 Environment, Economics, and Enterprise Holly Samuelson, Frank Apeseche

**Edward Marchant** 5490 Affordable and Mixed-Income Housing Development, Finance, and Management 7443 Scenes of Design, Development, and Disaster Todd Reisz 7444 Non-Professional Practice Oana Stanesc Fall 2017 3330 Conservation of Older Buildings Techniques and Technics **Robert Silman** 5204 Real Estate Finance and Development **Richard Peiser** 5206 Land Use and Environmental Law Jerold Kayden 5212 Field Studies in Real Estate, Planning, and Urban Design Miami Beachand Boston **Richard Peiser** 5215 Analytic Methods of Urban Planning Quantitative Michael Hooper 5216 Analytic Methods Qualitative Ann Forsyth 5364 Sustainable Real Estate Jesse Keenan 5492 Real Estate Finance and Development Fundamentals for Public... (at HKS) **Edward Marchant** 7408 Frameworks of Contemporary Practice Paul Nakazawa 7420 Innovation in Project Delivery Mark R. Johnson Spring 2017 5103 Public and Private Development Jerold Kayden 5201 Urban Politics and Planning (at KSG) Quinton Mayne 5275 Advanced Real Estate Finance Frank Apeseche 5276 Building and Leading Real Estate Enterprises and Entrepreneurship Frank Apeseche 5370 Environment, Economics, and Enterprise Frank Apeseche 5490 Affordable and Mixed-Income Housing Development, Finance, and Management **Edward Marchant** 7416 The Practice as Project Florian Idenburg Fall 2016 5204 Real Estate Finance and Development **Richard Peiser** 5206 Land Use and Environmental Law Jerold Kayden 5212 Field Studies in Real Estate, Planning, and Urban Design Miami Beachand Boston Richard Peiser 5215 Analytic Methods of Urban Planning Quantitative Michael Hooper 5216 Analytic Methods Qualitative Ann Forsyth 5364 Sustainable Real Estate Jesse Keenan 5431 Form+Finance the Design of Real Estate Wang, Gamble 5492 Real Estate Finance and Development Fundamentals for Public... (at HKS) **Edward Marchant** 6271 The Innovative Practice Finding, Building, and Leading Good Ideas with Others Beth Altringer 7408 Frameworks of Contemporary Practice Paul Nakazawa 7420 Innovation in Project Delivery Mark R. Johnson **Spring 2016** 5103 Public and Private Development Laura Wolf-Powers 5370 Environment, Economics, and Enterprise Samuelson, Apesche 6328 Interdisciplinary Design Practice Kara, Georgoulias 5275 [M3] Advanced Real Estate Finance Richard Peiser 5276 [M4] Building and Leading Real Estate Enterprises and Entrepreneurship Frank Apesche Fall 2015 5204 Real Estate Finance and Development Richard Peiser 5206 Land Use and Environmental Law David Karnovsky 6271 The Innovative Practice Finding, Building, and Leading Good Ideas with Others Beth Altringer 7408 Frameworks of Contemporary Practice Paul Nakazawa 7420 Innovation in Project Delivery Mark R. Johnson 5492 Real Estate Finance and Development Fundamentals for Public and Private... (at HKS) **Edward Marchant** Spring 2015 5103 Public and Private Development Jerold Kayden 5370 Environment, Economics, and Enterprise H. Samuelson, F. Apeseche

A. Georgoulias, H. Kara

Jerold Kayden Mark R. Johnson

6328 In search of Design through Engineers

7417 Design Competitions

7420 Innovation in Project Delivery

5405 Global Leadership in Real Estate and Design Bing Wang, Eugene Kohn

5275 [M3] Advanced Real Estate Finance Richard Peiser Frank Apeseche

5276 [M4] Building and Leading Real Estate Enterprises and Entrepreneurship

Fall 2014

5204 Real Estate Finance and Development **Richard Peiser** 

5206 Land Use and Environmental Law Jerold Kayden 6271 The Innovative Practice Finding, Building, and Leading Good Ideas with Others Beth Altringer

7408 Contemporary Frameworks of Practice Paul Nakazawa 7410 The Architect in History The Evolution of Practice from Renaissance to Present Jay Wickersham

Spring 2014

5103 Public and Private Development Jerold Kayden

6328 In Search of Design through Engineers Hanif Kara, Andreas Georgoulias 7416 The Practice as Project Florian Idenburg, Matan Mayer

7417 Design Competitions Jerold Kayden

Fall 2013

5204 Real Estate Finance and Development **Richard Peiser** 5206 Land Use and Environmental Law Jerold Kayden

6271 The Innovative Practice Finding, Building and Leading Good Ideas with Others (at SEAS) Beth Altringer

7408 Contemporary Frameworks of Practice Paul Nakazawa

7410 The Architect in History The Evolution of Practice from Renaissance to Present Jay Wickersham

**Spring 2013** 

6328 In Search of Design through Engineers Hanif Kara, Andreas Georgoulias

7415 Project Delivery **Richard Jennings** 

7440 Leading the Design Firm Richard Jennings, Brian Kenet

Fall 2012

5204 Real Estate Finance and Development Richard Peiser 7408 Contemporary Frameworks of Practice Paul Nakazawa 7410

The Architect in History The Evolution of Practice from Renaissance to Present Jay Wickersham 7411 Andreas Georgoulias

Design and Development from Concept to Implementation

**FAS** ES21 The Innovator's Practice Finding, building and leading good ideas with others Beth Altringer

Spring 2012

5103 Public and Private Development Jerold Kayden 5215 Analytic Methods of Urban Planning Quantitative (2 units) Michael Hooper

5216 Analytic Methods Qualitative (2 units) Joyce Rosenthal 5303 Advance Real Estate Development and Finance Richard Peiser

5319 Urbanization and International Development Michael Hooper

5343 Disaster Field Lab J. Rosenthal, M. Mazereeuw, C. Werthmann

5430 Public Approvals for Private Development Projects (2 units) Matthew Kiefer 5431 Building Design Typologies and Operational Principles of Real Estate (2 units) Bing Wang

Joyce Rosenthal 5469 Environmental Planning and Sustainable Development... 5473 Housing Policy in the United States Eric Belsky

5489 Real Estate in Frontier Markets Nicolas Retsinas 5490 Affordable and Mixed-Income Housing Development, Finance, and Management **Edward Marchant** 

5501 Transforming Cities in Emerging Economies **Diane Davis** 

6328 In Search of Design Through Engineers Hanif Kara, Andreas Georoulias

7309 Sustainable Cities Urbanization, Infrastructure, and Finance (2 units) John Macomber

7409 Real Estate Development, Design, and Construction (2 units) Macomber, Gordon, Kohn

7440 Leading the Design Firm Richard Jennings, Brian Kenet 9116 Cultural Tourism in the Al-Turat World Heritage Site, Saudi Richard Peiser, Bing Wang

Fall 2011

5201 Urban Politics and Planning Alan Altshuler 5203 Markets and Market Failures Jose Gomez-Ibanez 5204 Real Estate Finance and Development **Richard Peiser** 5206 Planning and Environmental Law Jerold S. Kayden 5476 Housing Delivery Systems in the United States James Stockard 5484 Redevelopment Policy Susan Fainstein 5492 Real Estate Finance and Development Fundamentals **Edward Marchant** 7408 Landscape of Contemporary and Anticipatory Practice Paul Nakazawa 7410 The Architect in History The Evolution of Practice from Renaissance to Present Jay Wickersham 7411 Design and Development from Concept to Implementation Andreas Georgoulias

#### Spring 2011

5103 Public and Private Development
5303 Advanced Real Estate Development and Finance
and Operational Principles of Real Estate
5403M4 Public Approvals for Private Development Projects
6328 In Search of Design through Engineers
6331 Building Information Models

5403M4 Public Approvals for Private Development Projects
6331 Building Information Models

5403M4 Public Approvals for Private Development Projects
6331 Building Information Models

5403M4 Public Approvals for Private Development Projects
6331 Building Information Models

7307 Business Strategy, Economics, and Sustainability
7440 Leading the Design Firm

Signature 1 John Macomber Richard Jennings, Brian Kenet

#### Fall 2010

5201 Urban Politics, Planning, and Development Alan Altshuler 5203A Markets and Market Failure Joseph Kalt 5203B Markets and Market Failure Jose Gomez-Ibanez 5204 Real Estate Development and Finance **Richard Peiser** 5206 Planning and Environmental Law Brian Blaesser 5476 Housing Delivery Systems in the United States James Stockard 5484 Redevelopment Policy Susan Fainstein 5492 Real Estate Finance and Development Fundamentals **Edward Marchant** 7407 Managing the Design Project **Richard Jennings** 

7407 Managing the Design Project

7408 A New Framework for Practice

7410 The Architect in History The Evolution of Practice ...Renaissance to the Present

7411 Paging and Pagalagnesia form Concentration

7411 Design and Development from Concept to Implementation Andreas Georgoulias, Spiro Pollalis

HBS 166 Open

HBS2166 Operations Strategy Robert S. Huckman, Daniel C. Snow

#### Spring 2010

Fall 2009

5103 Public and Private Development

5303 Advanced Real Estate Development and Finance

5403M3 Building Design Typologies and Operational Principles of Real Estate

5475 Design of Housing in the United States

6328 In Search of Design through Engineers

Brian W. Blaesser

Frank Apeseche, Glen Mueller

Bing Wang

Leland Cott

Andreas Georgoulias, Hanif Kara

6331 Building Information Models Michael Schroeder

Toshiko Mori

Jay Wickersham

7222 The Bilbao Guggenhein Museum Topics in Project Management Spiro Pollalis, Luis Rodriguez

7307 Strategy, Sustainability, and Finance John Macomber

7409 (HBS 1461) Real Estate Development, Design, and Construction J. Macomber, E. Kohn, C. Gordon

7413 Integrated Project Delivery Richard Jennings

# 3432 Global Redesign Project

5201 Urban Politics, Planning, and Development

5203A Markets and Market Failure

5203B Markets and Market Failure

5203B Markets and Market Failure

5203B Jose Gomez-Ibanez

5204 Real Estate Development and Finance Richard Peiser

5206 Planning and Environmental Law

5476 Housing Delivery Systems in the United States

5476 Housing Delivery Systems in the United States

5476 Housing Delivery Systems in the United States

7407 Managing the Design Project Richard Jennings
7408 A New Framework for Practice Paul Nakazawa

7410 The Architect in History The Evolution of Practice... Renaissance to the Present

7411 Design and Development from Concept to Implementation

7440 Leading the Design Firm

HBS

**HBS2166** Operations Strategy

Andreas Georgoulias, Spiro Pollalis A. Georgoulias, R. Jennings, B. Kenet

Robert S. Huckman, Daniel C. Snow

Frank Apeseche, Glenn Mueller

Andreas Georgoulias, Hanif Kara

E. Kohn, J. Macomber, C. Gordon

Jerold S. Kayden

Matthew Kiefer

Michael Schroeder

John Macomber

Richard Jennings

Alan Altshuler

**Richard Peiser** 

Brian Blaesser

James Stockard

Susan Fainstein

Jay Wickersham

Paul Nakazawa

Mark Kalin

Jose Gomez-Ibanez

Bing Wang

**Leland Cott** 

Spring 2009

5103 Public and Private Development

5303 Advanced Real Estate Development and Finance

5403M3 Public Approvals for Private Development Projects

5403M4 Building Design and Planning Typologies

5475 Design of Housing in the United States

6328 In Search of Engineer

6331 Building Information Models

7307 Strategy, Sustainability, and Finance

7407 Managing the Design Project

HBS 1461 Real Estate Development, Design, and Construction

Fall 2008

5201 Urban Politics, Planning, and Development

5203B Markets and Market Failure

5204 Real Estate Development and Finance

5206 Planning and Environmental Law

5476 Housing Delivery Systems in the United States

5484 Redevelopment Policy

7213 International Design Practice Business, Law, and Culture

7406 Specifications

7408 A New Framework for Practice

7411 Design and Development from Concept to Implementation

7440 Leading the Design Firm

HBS 2166 Operations Strategy

Spring 2008

5103 Public and Private Development

5212 Field Studies in Real Estate, Planning & Urban Design ... Lee, MA

5303 Advanced Real Estate Development and Finance

5314 Strategic Planning and Local Development

5403M3 Public Approvals for Private Development Projects

5403M4 Design Typologies and Financial Operation for Urban Developments

The Design of Housing in the United States

6328 In Search of the Engineer

6331 Building Information Models

Jerold S. Kayden

Richard Peiser, Bing Wang

Brian Kenet, Spiro Pollalis

Spiro Pollalis, Andreas Georgoulias

Robert S. Huckman, Daniel C. Snow

Richard Peiser

Mona Serageldin

Matthew Kiefer

Bing Wang 5475

Lee Cott

Joseph Kalt

Richard Peiser

James Kostaras

James Stockard

Jay Wickersham

Paul Nakazawa

Mark Kalin

**Brian Kenet** 

Hanif Kara, Andreas Georgoulias

Michael Schroeder

Jose Gomez-Ibanez

Fall 2007

5203A Markets and Market Failure

5203B Markets and Market Failure

5204 Real Estate Development and Finance

5480UPD Negotiation and Conflict Resolution in Urban Planning and Design

5476 Housing Delivery Systems in the United States

7213 International Design Practice Business, Law, and Culture

7406 Specifications

7408 A New Framework for Practice

7440 Leading the Design Firm

MIT

MIT 11.345J Entrepreneurship in Construction and Redevelopment

MIT 11.421J/15.426J Real Estate Finance & Investments | Micro-Level Fundamentals

John Kennedy David Geltner

Spring 2007

5203S Markets and Market Failures

5206 Planning and Environmental Law

Jose Gomez-Ibanez Brian Blaesser 5212 Field Studies in Real Estate, Planning, and Urban Design

5303 Advanced Real Estate Development and Finance

5314 Strategic Planning and Local Development

5403M3 Public Approvals for Private and Development Projects

5475 The Design of Housing in the United States

7208 Legal Aspects of Design Practice

7222 The Bilbao Guggenheim Museum Topics in Project Management

Fall 2006

5103 Public and Private Development

5203F Markets and Market Failures

5204 Real Estate Development and Finance

5476 Housing Delivery System in the United States

7405 Leading the Design Firm

7406 Specifications

7411 From Concept to Implementation

MIT

MIT 11.345J Entrepreneurship in Construction and Redevelopment

Spring 2006

5103 Public and Private Development

5212 Field Studies in Real Estate, Planning, and Urban Design

5303 Advance Real Estate Development and Finance

5473 Housing Policy in the United States The Intersection of the Public

5475M3 The Design of Housing in the United States

7208 Legal Aspects of Design Practice

7213 International Design Practice Business, Law, and Culture

7222 The Bilbao Guggenheim Museum

Fall 2005

5203 Markets and Market Failures

5204 Real Estate Finance and Development

5206 Planning and Environmental Law

5476M2 The Housing Delivery System in the United States

7301 Internet and Architecture

7305 Strategic Management in Design and Construction

7404 Entrepreneurship

7411 From Concept to Implementation

HBS 1556 General Management Processes and Action

Richard Peiser Mona Serageldin Matthew Kiefer Bing Wan

Leland Cott Carl Sapers

Spiro Pollalis, Luis Rodriguez

Jerold Kayden Joseph Kalt Richard Peiser James Stockard

Spiro Pollalis, Brian Kenet

Mark Kalin Spiro Pollalis

Jerold Kayden

Richard Peiser, Bing Wang

**Richard Peiser** 

Eric Belsky, Nicolas Retsinas

Leland Cott Carl Sapers Jay Wickersham

Spiro Pollalis, Luis Rodriguez

Jose Gomez-Ibanez Richard Peiser Jay Wickersham James Stockard Jeffrey Huang John Macomber Joe MacDonald Spiro Pollalis

Michael Roberto